

FMO 6616 PH 09-5-6

ST. JOE

MINERALS CORPORATION
7733 FORSYTH BOULEVARD
CLAYTON, MISSOURI 63105
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314 726 9500

November 13 1987

Mr Robert Overfelt
Ecology and Environment Inc
Fairway West Office Building
4350 Johnson Drive
Shawnee Mission Kansas 66205

Dear Mr Overfelt

In response to our telephone conversation on 16 November 1987 the following is a brief run-down of work performed at the Desloge tailings area since the filling of "A & B" Gaps and "C & D Gaps" in December 1981 - January 1982 All terminology is based on Control of Mine Tailings Discharges to Big River Novak and Hasselworth prepared for DNR in 1980 I understand that you have a copy of this report If not I will be happy to provide one Also attached as promised is a topographical map of the Desloge site at a scale of 1" = 400

Inspections were performed on an at least once-per month basis from December 1981 to the present by St Joe and/or the engineer for the landfill Inspections were also made after or during heavy rainfall events Inspections consist of making sure that all drainage structures are functional and that there are no observable defects in the retaining berm

In April 1983 two small gaps designated as "G & H" Gaps were formed by overtopping of the retaining berm by unusually heavy rainfall They were filled immediately and a 22 inch steel pipe drainage structures was placed in each of them

In October 1984 1 500 feet of snow fencing was placed along the base of the chat pile and the area north of the fence seeded fertilized and covered with straw mulch The fence was built to reinforce a dune formed by a snow fence placed in 1980

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SUPERFUND RECORDS

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Page 2 of 2

In April 1985 one small gap designated "I" Gap was formed by overtopping of the retaining berm by unusually heavy rainfall. It was filled immediately again with a 22 inch steep pipe drainage structure placed in it. At the same time 2 000 feet of snow fencing was placed in the area of the break to build up the retaining berm with wind-blown material. The open channel spillway cut draining the #3 pond area was deepened and a diversion ditch cut across natural ground to keep water from flowing into the "I" Gap area. A diversion dike was built above "E" Gap and a channel cut through natural ground to keep water diverted by the landfill operations from flowing into "E" Gap.

In October of 1985 the approximately 20 acres of tailings that form the major portion of the "I" Gap drainage area were fertilized and seeded. In March of 1986 10 000 Black Locust trees were planted on the Desloge tailings area some 7 500 of them on the area seeded in October 1985.

In February 1987 10 000 Black Locust trees were planted on the approximately 15 acres of tailings forming the drainage area for "G" Gap.

In September - October 1987 some 20 000 feet of snow fencing were installed on the upper portion of the tailings area.

Sincerely



C G Mattsson

CG maw
232027/01/013

cc JECarter
DRSmith
PJTrimble